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Search
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PLUS Search Results for S/N 09928799, Searched June 23, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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09928799_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 09928799 on June 23, 2004

Original Classifications

5 455/76
4 331/1A
2 331/2
2 375/376

Cross-Reference Classifications

8 375/376
5 331/17
5 331/25
5 331/DIG 2
5 455/260
3 327/156
2 327/100
2 327/159
2 327/165
2 329/310
2 331/10
2 331/11
2 331/14
2 331/1A
2 331/34
2 342/42
2 370/516
2 375/326
2 375/327
2 375/344
2 375/371
2 375/373
2 380/34
2 455/183.1

Combined Classifications

10 375/376
6 331/17
6 331/1A
6 455/260
5 331/25
5 331/DIG 2
5 455/76
3 327/156
3 331/11
3 331/2
3 370/516

09928799_CLS

2 327/100
2 327/159
2 327/165
2 329/310
2 331/10
2 331/117R
2 331/14
2 331/34
2 342/42
2 370/324
2 375/326
2 375/327
2 375/329
2 375/330
2 375/333
2 375/344
2 375/346
2 375/371
2 375/373
2 380/34
2 455/183.1
2 702/69
2 702/75

09928799_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09928799 on June 23, 2004

10	375/376	(2 OR, 8 XR)
	Class 375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/354	SYNCHRONIZERS
	375/371	.Phase displacement, slip or jitter correction
	375/373	..Phase locking
	375/376	...Phase locked loop
6	331/17	(1 OR, 5 XR)
	Class 331 :	OSCILLATORS
	331/1R	AUTOMATIC FREQUENCY STABILIZATION USING A PHAS
E		OR FREQUENCY SENSING MEANS
	331/17	.Particular error voltage control (e.g., intergrating network)
6	331/1A	(4 OR, 2 XR)
	Class 331 :	OSCILLATORS
	331/1R	AUTOMATIC FREQUENCY STABILIZATION USING A PHAS
E		OR FREQUENCY SENSING MEANS
	331/1A	.AFC with logic elements
6	455/260	(1 OR, 5 XR)
	Class 455 :	TELECOMMUNICATIONS
	455/130	RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
	455/230	.Local control of receiver operation
	455/255	..Local oscillator frequency control
	455/257	...Automatic
	455/258Utilizing particular local oscillator control
	455/259Reference oscillator or source
	455/260Phase lock loop or frequency synthesizer
5	331/25	(0 OR, 5 XR)
	Class 331 :	OSCILLATORS
	331/1R	AUTOMATIC FREQUENCY STABILIZATION USING A PHAS
E		OR FREQUENCY SENSING MEANS
	331/18	.With reference oscillator or source
	331/25	..Signal or phase comparator

09928799_CLSTITLES

5 331/DIG 2 (0 OR, 5 XR)
 Class 331 : OSCILLATORS
 331/DIG 2 Phase locked loop having lock indicating or
 detecting means

5 455/76 (5 OR, 0 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 TRANSCEIVER)
 455/75 .With frequency stabilization (e.g., automatic
 frequency control)
 455/76 ..Synthesizer

3 327/156 (0 OR, 3 XR)
 Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
 DEVICES, CIRCUITS, AND SYSTEMS
 327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING
 327/141 .Synchronizing
 327/155 ..With feedback
 327/156 ...Phase lock loop

3 331/11 (1 OR, 2 XR)
 Class 331 : OSCILLATORS
 331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS
 E
 OR FREQUENCY SENSING MEANS
 331/10 .Plural A.F.S. for a single oscillator
 331/11 ..Plural comparators or discriminators

3 331/2 (2 OR, 1 XR)
 Class 331 : OSCILLATORS
 331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS
 E
 OR FREQUENCY SENSING MEANS
 331/2 .Plural oscillators controlled

3 370/516 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets
 370/498 .Combining or distributing information via tim
 e
 channels
 370/503 ..Synchronizing
 370/516 ...Adjusting for phase or jitter

09928799_CLSTITLES

- 2 327/100 (0 OR, 2 XR)
 Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
 DEVICES, CIRCUITS, AND SYSTEMS
 327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING
- 2 327/159 (0 OR, 2 XR)
 Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
 DEVICES, CIRCUITS, AND SYSTEMS
 327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING
 327/141 .Synchronizing
 327/155 ..With feedback
 327/156 ...Phase lock loop
 327/159With digital element
- 2 327/165 (0 OR, 2 XR)
 Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
 DEVICES, CIRCUITS, AND SYSTEMS
 327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING
 327/165 .Regenerating or restoring rectangular (e.g.,
 clock, etc.) or pulse waveform
- 2 329/310 (0 OR, 2 XR)
 Class 329 : DEMODULATORS
 329/304 PHASE SHIFT KEYING OR QUADRATURE AMPLITUDE
 DEMODULATOR
 329/310 .Including logic element (e.g., logic gate or
 flip-flop)
- 2 331/10 (0 OR, 2 XR)
 Class 331 : OSCILLATORS
 331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS
 E
 OR FREQUENCY SENSING MEANS
 331/10 .Plural A.F.S. for a single oscillator
- 2 331/117R (1 OR, 1 XR)
 Class 331 : OSCILLATORS
 331/107R SOLID STATE ACTIVE ELEMENT OSCILLATOR
 331/108R .Transistors
 331/117R ..L-C type
- 2 331/14 (0 OR, 2 XR)
 Class 331 : OSCILLATORS
 331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS
 E
 OR FREQUENCY SENSING MEANS
 331/14 .With intermittent comparison controls

09928799_CLSTITLES

2 331/34 (0 OR, 2 XR)
 Class 331 : OSCILLATORS
 331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS

E

OR FREQUENCY SENSING MEANS
 331/34 .Particular frequency control means

2 342/42 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/42 RADAR TRANSPONDER SYSTEM

2 370/324 (1 OR, 1 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/315 .Repeater
 370/316 ..Airborne or space satellite repeater
 370/319 ...Multiple access (e.g., FDMA)
 370/321Time division (TDMA)
 370/324Synchronization

2 375/326 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/322 .Angle modulation
 375/324 ..Particular demodulator
 375/326 ...Carrier recovery circuit or carrier trackin

g

2 375/327 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/322 .Angle modulation
 375/324 ..Particular demodulator
 375/327 ...Phase locked loop

2 375/329 (1 OR, 1 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/322 .Angle modulation
 375/329 ..Phase shift keying

2 375/330 (1 OR, 1 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/322 .Angle modulation
 375/329 ..Phase shift keying

09928799_CLSTITLES

375/330 ...Differential (diphase)

2 375/333 (1 OR, 1 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/322 ..Angle modulation
 375/329 ..Phase shift keying
 375/333 ...Biphase (manchester code)

2 375/344 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/344 ..Automatic frequency control

2 375/346 (1 OR, 1 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/346 ..Interference or noise reduction

2 375/371 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/354 SYNCHRONIZERS
 375/371 ..Phase displacement, slip or jitter correction

2 375/373 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/354 SYNCHRONIZERS
 375/371 ..Phase displacement, slip or jitter correction
 375/373 ..Phase locking

2 380/34 (0 OR, 2 XR)
 Class 380 : CRYPTOGRAPHY
 380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
 380/270 ..Wireless communication
 380/33 ..Using plural paths or channels
 380/34 ...Plural carrier frequencies

2 455/183.1 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
 CONVERTER
 455/150.1 ..Signal selection based on frequency (e.g.,
 tuning)
 455/179.1 ..Channel or station selection
 455/183.1 ...With frequency synthesizer

09928799_CLSTITLES

2 702/69 (1 OR, 1 XR)
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
 TESTING
 702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
 702/57 .Electrical signal parameter measurement syste

m

702/66 ..Waveform analysis
 702/69 ...Signal quality (e.g., timing jitter,
 distortion, signal-to-noise ratio)

2 702/75 (1 OR, 1 XR)
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
 TESTING
 702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
 702/57 .Electrical signal parameter measurement syste

m

702/66 ..Waveform analysis
 702/75 ...Frequency

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above 36
abstract 1
access 2
accompanying 1
according 8
achieving 1
actually 2
adapt 2
advance 2
aforesaid 4
aim 1
also 14
always 2
amplifier 1
an 26
and 73
anode 1
another 11
any 1
apparent 1
applicable 1
applied 7
apply 3
appropriate 1
are 27
as 23
at 21
atedart 1
atransmission 1
automatically 2
avoid 2
avoided 2
ba 1
band 5
bands 3
base 2
based 1
basic 1
be 10
become 1
been 3
before 3
being 2
between 3
bfk 1
block 3
both 1

brief 1
broad 3
broaden 1
by 29
call 3
called 2
can 10
cannot 1
capable 2
capacitance 8
capacitors 7
capture 2
cascade 1
cathode 1
caused 2
change 4
changed 1
changes 2
changing 2
channel 6
circuit 1
ckground 1
closet 1
combination 1
command 1
communication 39
comparator 5
compare 1
completed 1
complication 1
components 1
composed 2
compress 3
comprising 1
condition 2
conditions 6
configuration 2
configurations 1
conjunction 1
connected 10
connecting 2
consequently 1
constant 1
consumption 3
contacts 2
continuously 1
control 22
controlled 15

controlling 5
controls 1
conventional 2
conversion 1
cooperation 2
correspond 2
corresponding 2
corresponds 2
cost 2
cother 1
cycle 1
decoder 2
decrease 3
decreased 5
decreases 1
degeneration 1
delay 8
demanded 3
demands 1
demodulated 1
described 15
description 3
designated 1
desired 2
detailed 1
detected 1
diagram 4
difference 2
difficult 3
diode 4
directly 6
disclosure 1
discriminate 1
discriminated 1
discriminating 1
divide 1
divider 5
division 1
does 1
downsizing 3
drawing 1
drawings 2
due 4
during 5
each 1
either 2
element 5
employ 1

end 6
ends 3
enough 1
environment 2
environmental 5
equal 3
equipment 39
even 8
example 2
explanation 3
exprqs 1
extinct 1
factor 2
feasible 1
field 1
fig 8
filed 1
filter 5
first 2
fl 1
flexibly 4
fluctuate 1
following 2
for 12
forcibly 1
four 2
frequency 34
from 7
furthermore 2
general 1
generated 6
generates 2
given 7
gives 1
good 1
greatly 1
grounded 4
hand 1
hardware 1
has 7
have 1
here 3
hereinafter 2
high 9
higher 4
highly 1
however 2
identical 1

improve 2
in 84
incidentally 1
includes 1
including 5
incorporates 1
incorporating 1
increases 1
indicating 2
indirect 1
individually 3
inductor 3
information 8
initial 2
initialization 1
initializes 1
input 10
instant 10
instantaneous 1
integration 3
invent 2
invention 20
is 79
it 14
its 6
known 1
large 2
larger 1
later 1
layer 4
length 5
lightening 2
like 1
limit 7
limitations 4
limited 1
local 7
localfrequency 1
lock 51
locked 13
lockup 1
logical 1
long 1
longer 1
loop 18
lower 1
maintain 6
maintained 2

maintaining 6
maintains 1
maintenance 1
make 3
maximum 1
may 2
meanwhile 1
mentioned 2
mid 1
middle 1
minimum 2
mobile 2
mode 3
modulated 1
monitoring 1
more 1
most 1
mounted 3
multiple 1
multiplexed 2
nature 1
negative 1
neither 1
node 1
nokj 1
nor 1
normal 1
not 6
note 1
notification 8
notifies 1
numbers 1
object 10
objects 14
occurs 1
of 117
off 1
on 10
one 7
opponent 3
or 16
order 4
oscillating 1
oscillation 2
oscillator 37
other 5
out 3
output 7

over 3
 owing 1
 part 12
 partial 3
 parts 1
 performed 2
 performs 3
 period 21
 periods 1
 phase 40
 physical 3
 plurality 1
 point 2
 points 2
 portable 3
 position 2
 possibility 2
 possible 4
 possibly 2
 power 6
 precise 1
 predetermined 5
 preparation 3
 prescribed 4
 present 16
 prevented 2
 principle 4
 prior 7
 procedure 1
 process 3
 product 1
 provide 2
 provided 1
 quality 17
 radio 4
 rand 1
 range 9
 rate 13
 rates 1
 ratio 8
 re 1
 reaches 3
 reactance 3
 reactive 5
 read 1
 realize 3
 realized 14
 realizing 5

recei 1
receive 4
received 1
receives 1
receiving 11
recent 1
reception 5
reduce 1
reduction 5
reference 2
relates 3
releases 1
reliability 1
reliably 4
reliablythe 1
repeatedly 1
required 3
resistor 1
resonance 2
resonator 2
respectively 1
responding 1
response 7
result 1
retrial 1
retrieved 6
retries 3
retrying 1
rot 1
rough 3
satisfy 1
schemes 1
second 2
self 3
sequence 2
seriously 1
service 6
set 10
severely 1
shift 1
shifts 1
shorter 1
showing 4
shown 3
side 2
signal 20
signals 2
simplify 3

simply 1
since 2
slot 1
slots 2
small 1
smooth 1
so 7
some 4
specified 4
specifies 1
stability 1
stable 2
stably 2
start 3
starting 1
starts 1
state 13
station 2
step 2
still 1
strongly 1
structural 1
structure 2
structured 1
subscribers 1
substantially 1
succeeding 4
such 2
sufficiently 1
suitable 1
sum 1
summary 1
supply 1
supposed 3
suppress 1
suppressed 3
surely 5
switched 1
switches 5
synthesis 2
synthesizer 5
system 5
systems 3
tdma 1
temperature 1
terminal 6
terminals 2
than 7

that 5
the 255
there 6
therefore 3
therein 2
thereof 5
thereto 1
these 2
third 1
this 3
through 1
time 9
to 125
tofaperiod 1
tolerated 1
transferred 1
transmission 46
transmit 3
transmits 1
transmitted 6
transmitting 8
tuning 6
type 3
unable 3
unless 2
until 1
up 14
used 1
utility 1
value 18
values 10
variable 13
variance 1
variances 9
varies 5
various 3
vary 1
vco 1
via 6
voltage 24
way 1
well 2
when 12
where 4
wherein 7
which 53
whose 2
wide 1

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within 2
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years 1
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